

Snowdonia National Park

Forecast valid from 00:00 on Saturday 21 Jan 2023 until 23:59 on Sunday 22 Jan 2023

Forecast Issued on Friday 20 Jan 2023 at 13:18

Confidence: High confidence for a change later in the weekend to milder conditions with cloud and some light rain and a gradual thaw of snow at most levels by early next week. However lower confidence at the timing of the milder air moving across Wales. Windy at times over the coming days. Lower confidence for cloud amounts and timings of rainfall.

Headline for Saturday 21 Jan 2023: Early mist and fog inland then a dry, bright and sunny day, perhaps more cloud gathering later.

Mountain weather hazards on Saturday 21 Jan 2023

Blizzards
Medium Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Mist	Mist	Sunny intervals	Sunny	Sunny	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 21 Jan 2023

Weather: A clear night, some patchy cloud but a frost likely and with fresh southerly winds there will be a considerable windchill at height. Some early mist and fog patches forming particularly further south towards Bala. Otherwise a bright start on Saturday with some sunny spells for most of the day, cloud thickening later in the afternoon in the northwest around Snowdon.

Chance of cloud-free hill tops above 800m: 90%, some patchy cloud around the tops of northwestern mountains at times. Mountains further south may see an inversion with cloud and fog at low levels but clearer at height.

Low Cloud and visibility: Some patchy cloud above 700m around northern hills like Snowdon mainly in the early morning or late afternoon otherwise very good visibility will allow for great views from height. Visibility will be poor or very poor in early mist and fog but this will improve during the morning.

Forecast for Saturday 21 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	13/18 SE	12/16 SE	12/15 SE	12/17 SE	15/21 SE	16/23 S	16/25 S	17/26 S	20/30 S
600	11/17 SE	11/16 SE	12/18 SE	12/19 SE	13/21 S	13/22 S	15/24 S	17/27 S	19/29 S
300	8/15 SE	8/14 SE	8/14 SE	7/15 SE	9/17 SE	10/19 S	12/24 S	14/26 S	15/28 S
Valley	8/16 SE	8/15 SE	9/16 SE	9/17 SE	10/18 S	10/21 S	14/27 S	16/29 S	16/30 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-7	-1/-7	-1/-6	-1/-6	-0/-6	-1/-6	-2/-8	-2/-8	-1/-8
600	1/-4	1/-4	0/-4	0/-4	1/-3	1/-4	-0/-5	0/-6	0/-6
300	1/-2	1/-2	1/-2	2/-2	3/-0	3/-0	2/-3	2/-3	2/-3
Valley	2/-1	2/-1	2/-1	3/-1	5/1	4/1	3/-1	3/-2	4/-2
Freezing Level*	400m	400m	300m	300m	400m	400m	400m	400m	600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Windy later in the day for Snowdonia with fresh or strong gusts at height enhancing the windchill by evening, a little snow melt can be expected at low levels but generally still winter conditions on the mountains.

Forecast for Sunday 22 Jan 2023

Weather: A cloudy night with a few snow flurries possible before dawn. A cloudy, dull day in store with milder conditions beginning to push south on Sunday but possibly remaining colder towards the south of Snowdonia with the north seeing some snow melt as freezing level rises above summit level. Patchy light rain and drizzle will affect northwestern hills at times. Perhaps a few brighter spells towards southern mountains.

Maximum wind: Southwesterly 20mph with gusts 25-30mph easing gradually.

Chance of cloud-free hill tops above 800m: 60% scattered cloud around mountain tops at times, especially for northern areas.

Low Cloud and visibility: Layers of scattered cloud above 500m are expected for most of the day in the northwest, perhaps just patchy cloud above 600m further south. Visibility will be hazy at times and it will seem a little dull, further south and visibility will generally be good. In any heavier drizzle visibility may turn poor for a short time.

Temperature: **Valleys:** Plus 2 rising to 6 Celsius.

At 800m: Minus 2 Celsius rising to plus 2 Celsius.

Freezing level: 400m rising above all summits, perhaps remaining around summit level in the southeast.

Ground Conditions Supplement

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 1318 on Fri 20 Jan 2023